

# A Complete Bibliography of *ACM Transactions on Storage*

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08 June 2016  
Version 1.30

## Title word cross-reference

+ [GSL<sup>+</sup>05]. = [GSL<sup>+</sup>05]. GF( $2^n$ )  
[LBOX12].  
**0** [ZZL13].  
**1394** [HKP09].  
**2008** [Bak08]. **2009** [SW09]. **2012** [BF12].  
**2014** [ST14]. **2015** [DH16, SZ15].  
**6** [ES14, LS12, PBV11, XXL<sup>+</sup>11].  
**Academic** [CWY<sup>+</sup>15]. **Accelerating**  
[WCC15]. **Access** [CHA<sup>+</sup>11, DFP<sup>+</sup>15,  
HCL13, JDXD13, WCC15, MKLC06].

**Accesses** [WM16]. **accountability** [YC07].  
**ACID** [WSSZ07]. **across** [GR09]. **Adaptive**  
[HWF<sup>+</sup>16, KKZ05, SPP11, WHE12].  
**adaptively** [WSZ<sup>+</sup>10]. **Addressable**  
[WCC15]. **administrator** [DRK08].  
**Against** [MTD<sup>+</sup>15, SDG10]. **Aggressive**  
[AWC09]. **Agility** [XCK<sup>+</sup>14]. **Algorithms**  
[XXL<sup>+</sup>11, BLN09, SZ05]. **allocation**  
[KR06, SZS<sup>+</sup>12]. **among** [LCMZ15].  
**amplification** [THWD08]. **Analysis**  
[ASM12, MHL<sup>+</sup>15, BADAD<sup>+</sup>08]. **Analytic**  
[Des14]. **anticipatory** [SZS<sup>+</sup>12].  
**appliances** [AEMWC<sup>+</sup>12]. **applications**  
[LBOX12, QJM<sup>+</sup>09]. **Approach**  
[XXL<sup>+</sup>11, XMRF<sup>+</sup>13, ZZL13, KR06, MT09,  
MMR<sup>+</sup>09, THTT08, ZSXZ07]. **Approaches**  
[KSDC14]. **arbitrary** [LS12]. **Architecture**  
[LBN14]. **architectures** [HWB<sup>+</sup>06].

**Archival** [GNB16, YPLG11, SGMV09].  
**Archive** [CWY<sup>+</sup>15]. **archives** [HM05].  
**archiving** [TPM<sup>+</sup>11]. **Array**  
[GNB16, LS12, MJW<sup>+</sup>12]. **Arrays**  
[AT13, ABLM07, TB09]. **assignment**  
[XS09]. **Associative** [KCC13].  
**assumptions** [XS09]. **augmentations**  
[TCJ<sup>+</sup>11]. **Authentication** [MNT06].  
**automatic** [YV05]. **availability**  
[SPADAD05, TCJ<sup>+</sup>11]. **Aware**  
[JCG<sup>+</sup>16, BLN09, BBK<sup>+</sup>09, WOQ<sup>+</sup>07].

**B** [Rod08, RBM13]. **B-Tree** [RBM13].  
**B-trees** [Rod08]. **Backup**  
[HBP11, LXNL15, SHWH12, TCL12, VSV09].  
**balancing** [QJM<sup>+</sup>09]. **Bandwidth**  
[HA13, GSL<sup>+</sup>05]. **Based**  
[HWF<sup>+</sup>16, HJW15, MJW<sup>+</sup>14, Tri15,  
WCXY15, ZJQ<sup>+</sup>15, BLN09, CLP09, DRK08,  
HWB<sup>+</sup>06, HBL<sup>+</sup>06, KH10, LSZ09,  
LZYK<sup>+</sup>06, MJW<sup>+</sup>12, MRH09, RDGS07,  
TCJ<sup>+</sup>11, VJG08, WKC06, WHE12]. **basis**  
[ST06]. **battery** [KH10]. **battery-powered**  
[KH10]. **Behavior** [ASM12].  
**benchmarking** [AADAD09, TZJW08].  
**BetrFS** [JYZ<sup>+</sup>15]. **Better** [WKRP06].  
**Beyond** [ES14, IV15]. **bit** [ASS05]. **bit-rate**  
[ASS05]. **Block**  
[KMM<sup>+</sup>12, RHC15, AWC09, LCZ05].  
**Block-Level** [KMM<sup>+</sup>12]. **Blurred** [LSS16].  
**both** [DJC07, JDXD13]. **bounds** [EA08].  
**Bridging** [GSL<sup>+</sup>05, SYK<sup>+</sup>11]. **BTRFS**  
[RBM13]. **BUD** [MQRY11]. **Buffer**  
[LBN14, DJC07, MQRY11, WHE12].  
**buffers** [THTT08]. **Building** [RDGS07].  
**Byte** [WCC15]. **Byte-Addressable**  
[WCC15].

**CA** [BBK<sup>+</sup>09]. **CA-NFS** [BBK<sup>+</sup>09]. **Cache**  
[HWF<sup>+</sup>16, LBN14, SS14, DJC07, GB07].  
**caches** [MTH<sup>+</sup>08, VMF<sup>+</sup>06]. **Caching**  
[KSDC14, LB14, CHLK11, CHHH12,  
WSZ<sup>+</sup>10]. **caching-oriented** [CHHH12].  
**Can** [WM16]. **case** [SZS<sup>+</sup>12]. **Causality**  
[MRH09]. **Causality-based** [MRH09].  
**Challenges** [GS06]. **Change** [KSDC14].  
**characteristic** [XS09]. **characteristics**  
[JHZK08]. **Characterization** [CHA<sup>+</sup>11].  
**Characterizing** [MTD<sup>+</sup>15]. **Cheap** [HF05].  
**Checker** [MDAD<sup>+</sup>14]. **Checking**  
[FQS<sup>+</sup>14, TPM<sup>+</sup>11]. **Chip** [KCC13].  
**Chip-Level** [KCC13]. **Choosing** [ZXJ11].  
**Class** [WQR13, JWK<sup>+</sup>10, STZ10].  
**Classification** [WCXY15]. **Classifying**  
[JAM<sup>+</sup>16]. **clones** [Rod08]. **Closed**  
[ES14, IV15]. **Closed-Form** [ES14, IV15].  
**Cloud** [BCQ<sup>+</sup>13, MJW<sup>+</sup>14, YHJ13, VSV09].  
**Cloud-of-Clouds** [BCQ<sup>+</sup>13]. **Clouds**  
[BCQ<sup>+</sup>13]. **Clusters**  
[HZQX13, QJM<sup>+</sup>09, WB05]. **code**  
[LS12, LS12]. **Coded** [HZQX13]. **Codes**  
[HBP11, LL14, PB14, Tri15, XXL<sup>+</sup>11,  
LSZ09, PBV11, HCL13]. **coding** [TB09].  
**collaborative** [VMF<sup>+</sup>06]. **Collecting**  
[DS16]. **common** [SZS<sup>+</sup>12].  
**communication** [GSL<sup>+</sup>05]. **Complexity**  
[Tri15]. **compliance** [PB05].  
**comprehensive** [JHZK08]. **Compression**  
[KMM<sup>+</sup>12, SHWH12]. **Computational**  
[CHA<sup>+</sup>11]. **computer**  
[HWB<sup>+</sup>06, HBL<sup>+</sup>06, MTH<sup>+</sup>08]. **congestion**  
[BBK<sup>+</sup>09]. **congestion-aware** [BBK<sup>+</sup>09].  
**conquer** [Tos09]. **Conquest}** [WKRP06].  
**conservation** [CK05]. **Conserve** [HZQX13].  
**consistency** [FSM<sup>+</sup>12]. **Consistent**  
[HA13, YV05]. **Consolidated** [ZXJ11].  
**Constructing** [VMF<sup>+</sup>06]. **Consumption**  
[CPW<sup>+</sup>15]. **content** [KR10]. **Context**  
[GHWK15, ZJQ<sup>+</sup>15]. **Context-Based**  
[ZJQ<sup>+</sup>15]. **Continuous** [CHA<sup>+</sup>11].  
**Contributing** [CCB07]. **contributor**  
[JHZK08]. **control** [KKZ05, ZSW<sup>+</sup>06].  
**cooperative** [TCL12]. **correlations**  
[LCZ05]. **corruption** [BADAD<sup>+</sup>08]. **crash**  
[WKC06]. **Cross** [WCR<sup>+</sup>06]. **Cross-layer**  
[WCR<sup>+</sup>06]. **Cumulus** [VSV09].

**D** [SPADAD05]. **D-GRAID** [SPADAD05].

**D2D** [HM05]. **Data** [ASM12, AT13, CWY<sup>+</sup>15, DFP<sup>+</sup>15, HCL13, JDXD13, JAM<sup>+</sup>16, MEK<sup>+</sup>14, SSWC14, WH15, YPLG11, ZB16, ASS05, ABLM07, BADAD<sup>+</sup>08, BFHR09, EM05, EA08, HKC06, LZYK<sup>+</sup>06, SZ05]. **Data-Intensive** [CWY<sup>+</sup>15]. **database** [DRK08, THTT08]. **databases** [MNT06]. **Datacenter** [SSVG13]. **datasets** [SHWH12, VMF<sup>+</sup>06]. **David** [AAADAD12]. **decentralized** [TCL12]. **Deduplication** [LXNL15, MJW<sup>+</sup>14, MB12, KR10]. **Deduplication-Based** [MJW<sup>+</sup>14]. **Deferred** [HZQX13]. **Defining** [EA08]. **degradation** [JB05]. **delta** [SHWH12]. **density** [PBV11]. **Dependable** [BCQ<sup>+</sup>13]. **DepSky** [BCQ<sup>+</sup>13]. **Design** [CPW<sup>+</sup>15, HWC12, SS14, ZZL13, CHHH12, GS06, WKRP06, WKC06]. **desktop** [VMF<sup>+</sup>06]. **development** [ZIJ<sup>+</sup>06]. **Device** [LL14, ZXJ11, HBL<sup>+</sup>06]. **Devices** [CSY<sup>+</sup>14, GHWK15, BLN09, CHLK11, GR09, KH10, LZYK<sup>+</sup>06]. **DFS** [JBLF10]. **Differential** [BKPM10]. **differentiation** [KKZ05]. **digital** [GSL<sup>+</sup>05]. **directed** [LLZA05]. **Disk** [ASD15, HWF<sup>+</sup>16, IHHE11, JDXD13, MTD<sup>+</sup>15, PB14, SSVG13, SYK<sup>+</sup>11, XXL<sup>+</sup>11, ABLM07, BFHR09, DEH<sup>+</sup>08, GW10, GS06, HM05, LS12, MJW<sup>+</sup>12, MTH<sup>+</sup>08, NQX06, SG07, SZ05, TB09, VJG08, WKRP06, WB05]. **disk/** **persistent** [WKRP06]. **disk/** **persistent-RAM** [WKRP06]. **Disks** [GNB16, JAM<sup>+</sup>16, JHZK08, LLZA05, MQRY11]. **DISP** [EM05]. **Distributed** [XCK<sup>+</sup>14, EM05, HDW<sup>+</sup>08, MMR<sup>+</sup>09]. **Divide** [Tos09, GSL<sup>+</sup>05]. **Divide-and-conquer** [Tos09]. **does** [SG07]. **dominant** [JHZK08]. **Drive** [LCMZ15, SSVG13, WCXY15, GS06]. **driver** [CHLK11]. **driver-layer** [CHLK11]. **drives** [BFHR09, CHHH12, GW10, HM05]. **duplicate** [BJD06]. **Dynamic** [ABLM07, NB13, QJM<sup>+</sup>09, ZB16, THTT08]. **Editorial** [BP11, Lon12, Raj05, BK10]. **Efficiency** [HA13, HCL13]. **Efficient** [CK05, CWY<sup>+</sup>15, DFP<sup>+</sup>15, HKC06, LXNL15, LZYK<sup>+</sup>06, LSS16, LBOX12, MRZ<sup>+</sup>09, MEK<sup>+</sup>14, SZ05, TCL12, XMRF<sup>+</sup>13, YPLG11, ZB16, EM05, LS12, MQRY11, WKC06, ZSXZ07]. **Elastic** [XCK<sup>+</sup>14]. **elimination** [BJD06]. **emulate** [CLHK10]. **Emulating** [AAADAD12]. **Endurance** [LCMZ15]. **Energy** [CWY<sup>+</sup>15, CPW<sup>+</sup>15, HZQX13, LCMZ15, EA08, LLZA05, MQRY11, STZ10]. **Energy-Efficient** [CWY<sup>+</sup>15, MQRY11]. **enhanced** [MJW<sup>+</sup>12]. **enhancement** [CHHH12]. **Enterprise** [KSDC14, NDR08]. **Equation** [ES14, IV15]. **Erasure** [HZQX13, LL14, PB14, LSZ09]. **Erasure-Coded** [HZQX13]. **errors** [DEH<sup>+</sup>08, SDG10]. **Evaluating** [KSDC14]. **Evaluation** [SSVG13, XXL<sup>+</sup>11, XMRF<sup>+</sup>13, ZZL13]. **Evolution** [LADADL14]. **Exact** [HBP11]. **Exascale** [SSWC14]. **Exedra** [ASS05]. **existence** [TPM<sup>+</sup>11]. **Exploiting** [HZQX13, JDXD13, JWK<sup>+</sup>10, DJC07, MKLC06]. **Ext3cow** [PB05]. **Extending** [WSSZ07]. **Extensions** [WQR13]. **Extract** [GW10]. **Failed** [XXL<sup>+</sup>11]. **Failure** [PB14, JHZK08, SG07]. **Failures** [LL14, MTD<sup>+</sup>15, SSVG13, JHZK08]. **Family** [LL14]. **FAST** [Bak08, BF12, SZ15, ST14, CSY<sup>+</sup>14, GHWK15, MDAD<sup>+</sup>14, TPM<sup>+</sup>11, ADAD07, SW09]. **FAST'10** [BK10]. **fault** [ASS05, EM05, LSZ09]. **fault-tolerant** [ASS05, EM05]. **Ffsck** [MDAD<sup>+</sup>14]. **Fidelity** [JCG<sup>+</sup>16]. **fields** [LBOX12]. **File** [AEMWC<sup>+</sup>12, GR09, JYZ<sup>+</sup>15, LADADL14, MDAD<sup>+</sup>14, WCC15, WQR13, ZJQ<sup>+</sup>15, ABDL07, AADAD09, AWC09, BBK<sup>+</sup>09, CCB07, FSM<sup>+</sup>12, JB05, JBLF10, JWK<sup>+</sup>10, MKLC06, PB05, STZ10, SSR<sup>+</sup>10, TPM<sup>+</sup>11, TZJW08, THWD08, VFNN10, WKRP06,

WSSZ07, WKC06, XS09, ZIJ<sup>+</sup>06]. **File-System** [MDAD<sup>+</sup>14, ABDL07, AADAD09]. **Filesystem** [RBM13, VSV09]. **finite** [LBOX12]. **five** [ABDL07]. **five-year** [ABDL07]. **Flash** [HWC12, HWF<sup>+</sup>16, JCG<sup>+</sup>16, KCC13, WCXY15, WH15, CK05, CLHK10, CLP09, HKC06, JBLF10, LZYK<sup>+</sup>06, SPP11, WKC06, WHE12]. **Flash-Based** [HWF<sup>+</sup>16, LZYK<sup>+</sup>06, WHE12]. **flash-memory** [CK05]. **Flexible** [HCL13]. **forgery** [HSW09]. **Form** [ES14, IV15]. **Framework** [YPLG11, ZJQ<sup>+</sup>15, VJG08]. **FRASH** [JWK<sup>+</sup>10]. **Frog** [ZJQ<sup>+</sup>15]. **FTP** [AWC09]. **Functionality** [LBN14].

**Garbage** [DS16]. **GCTrees** [DS16]. **gear** [WOQ<sup>+</sup>07]. **gear-shifting** [WOQ<sup>+</sup>07]. **General** [LL14]. **Generalized** [AT13, LS12]. **Generating** [AADAD09]. **generation** [DRK08]. **generic** [GSL<sup>+</sup>05]. **geometry** [GW10]. **goliath** [AAADAD12]. **graceful** [JB05]. **GRAID** [SPADAD05]. **Graphs** [MHL<sup>+</sup>15]. **GRID** [LSZ09]. **Group** [WM16]. **grouping** [EA08]. **Groupings** [WM16]. **Guest** [BP11, BK10].

**Hard** [SSVG13, GW10]. **hardness** [THWD08]. **Heap** [HJW15]. **Heap-Based** [HJW15]. **HEAPO** [HJW15]. **heterogeneous** [GR09]. **Hierarchical** [HBP11, JWK<sup>+</sup>10]. **hierarchy** [MTH<sup>+</sup>08]. **High** [CSY<sup>+</sup>14, JCG<sup>+</sup>16, LB14, DEH<sup>+</sup>08, GSL<sup>+</sup>05, LSZ09]. **high-bandwidth** [GSL<sup>+</sup>05]. **High-Fidelity** [JCG<sup>+</sup>16]. **High-Performance** [CSY<sup>+</sup>14, LB14]. **high-reliability** [DEH<sup>+</sup>08]. **Higher** [TB09]. **hints** [DRK08]. **Historical** [ASM12]. **History** [JDXD13, HSW09]. **hot** [HKC06]. **hours** [SG07]. **HPDA** [MJW<sup>+</sup>12]. **Hybrid** [KCC13, LXNL15, LCMZ15, XXL<sup>+</sup>11, XMRF<sup>+</sup>13, JWK<sup>+</sup>10, MJW<sup>+</sup>12, SPP11, WKRP06]. **I/O** [KR10, MQRY11, MKLC06, QJM<sup>+</sup>09, YSEY10, ZXJ11]. **I/O-intensive** [QJM<sup>+</sup>09]. **identification** [HKC06]. **Identify** [WM16]. **idleness** [MRZ<sup>+</sup>09]. **IEEE** [HKP09]. **IEEE-1394** [HKP09]. **ImmortalGraph** [MHL<sup>+</sup>15]. **Impact** [SSVG13]. **Implementation** [HWC12, Tri15]. **implementations** [AEMWC<sup>+</sup>12, LBOX12]. **Impressions** {AADAD09}. **improve** [KR10, LCZ05]. **Improving** [BJD06, CHA<sup>+</sup>11, HA13, HWF<sup>+</sup>16, SYK<sup>+</sup>11, SPADAD05, NQX06]. **incremental** [ZIJ<sup>+</sup>06]. **independent** [XS09]. **Index** [DFP<sup>+</sup>15]. **indexing** [LZYK<sup>+</sup>06]. **infer** [GW10]. **informed** [SHWH12]. **initialization** [WKC06]. **Inline** [LXNL15]. **Integrity** [FQS<sup>+</sup>14, MNT06]. **Intelligent** [WCR<sup>+</sup>06]. **Intel(R)** [MTH<sup>+</sup>08]. **Intensive** [CWY<sup>+</sup>15, NQX06, QJM<sup>+</sup>09]. **inter** [MKLC06]. **inter-file** [MKLC06]. **Interface** [ZXJ11]. **Interleaving** [SYK<sup>+</sup>11]. **intra** [DEH<sup>+</sup>08]. **intra-disk** [DEH<sup>+</sup>08]. **Intradisk** [IHHE11]. **Introduction** [ADAD07, Bak08, BF12, DH16, SZ15, ST14, SW09]. **IO** [GHWK15, RHC15]. **Issue** [DH16, SZ15, ST14, ADAD07, Bak08, BF12, SW09]. **issues** [GS06].

**JFTL** [CLP09]. **journal** [CLP09]. **Journaling** [LBN14].

**Kernel** [JYZ<sup>+</sup>15]. **key** [HF05]. **Kinesis** [MMR<sup>+</sup>09].

**Large** [MEK<sup>+</sup>14, AWC09, CK05, HDW<sup>+</sup>08, LBOX12, SZ05, VMF<sup>+</sup>06]. **Large-Scale** [MEK<sup>+</sup>14, CK05, HDW<sup>+</sup>08]. **latency** [EA08, ZSW<sup>+</sup>06]. **latent** [SDG10]. **Layer** [KCC13, WCXY15, CHLK11, CLP09, SPP11, WCR<sup>+</sup>06]. **Layout** [JDXD13]. **Lazy** [HWF<sup>+</sup>16]. **Level** [KMM<sup>+</sup>12, KCC13]. **Lightweight** [SSWC14]. **Line** [LXNL15]. **Linux** [LADADL14, RBM13]. **Load**

[YHJ13, QJM<sup>+</sup>09, WB05]. **loading** [NDR08]. **local** [NQX06]. **localities** [DJC07]. **Location** [SSWC14]. **log** [WKC06]. **log-based** [WKC06]. **logging** [MT09]. **LoneStar** [GNB16]. **Long** [ASM12, SGMV09]. **Long-Term** [ASM12, JAM<sup>+</sup>16, SGMV09]. **Low** [Tri15]. **Low-Complexity** [Tri15].

**main** [LLZA05]. **mainstream** [MTH<sup>+</sup>08]. **Making** [SZS<sup>+</sup>12]. **Management** [YHJ13, CK05, CHHH12, DJC07, GR09, HBL<sup>+</sup>06, LLZA05, MRZ<sup>+</sup>09, NDR08, TCL12, WB05, WHE12]. **managing** [HF05]. **MAP** [WCXY15]. **Massive** [GNB16]. **mean** [SG07]. **Mechanism** [CWY<sup>+</sup>15]. **Mechanisms** [FQS<sup>+</sup>14]. **Media** [LB14, GSL<sup>+</sup>05, RDCS07, VJG08]. **Membrane** [SSR<sup>+</sup>10]. **Memory** [HWC12, JCG<sup>+</sup>16, KSDC14, KCC13, LBN14, LSS16, MTH<sup>+</sup>08, WCC15, WQR13, WH15, CK05, CLP09, HKC06, JWK<sup>+</sup>10, LLZA05, SZS<sup>+</sup>12, WKC06]. **MEMS** [BLN09, HWB<sup>+</sup>06, HBL<sup>+</sup>06, KH10, RDCS07]. **MEMS-based** [BLN09, HWB<sup>+</sup>06, HBL<sup>+</sup>06, KH10, RDCS07]. **merge** [SPP11]. **Metadata** [WCC15, ABDL07]. **MFTL** [HWC12]. **Microarchitecture** [JCG<sup>+</sup>16]. **Microarchitecture-Aware** [JCG<sup>+</sup>16]. **migration** [SZ05]. **Minimum** [PBV11]. **Mining** [LCZ05]. **misbehaviors** [YSEY10]. **Mixed** [PB14, VJG08]. **mixed-media** [VJG08]. **MLC** [HWC12]. **mobile** [KH10]. **Modeling** [NQX06, HBL<sup>+</sup>06]. **Models** [Des14]. **modern** [GW10]. **Modes** [PB14]. **Monitoring** [MTD<sup>+</sup>15]. **MOSFETs** [ST06]. **Movement** [JAM<sup>+</sup>16]. **MSST** [DH16]. **MTTDL** [IV15, ES14]. **MTTF** [SG07]. **Multicollective** [MKLC06]. **Multiresolution** [GGE<sup>+</sup>05]. **Multistream** [HA13, GB07].

**namespace** [WDG<sup>+</sup>06]. **NAND**

[CLHK10, JCG<sup>+</sup>16]. **NANDFlashSim** [JCG<sup>+</sup>16]. **NCQ** [YSEY10]. **Network** [JB05, BBK<sup>+</sup>09, GSL<sup>+</sup>05, YC07]. **networks** [GGE<sup>+</sup>05]. **NFS** [BBK<sup>+</sup>09]. **nine** [TZJW08]. **Niobe** [MTJ<sup>+</sup>08]. **Nondeterministic** [SSWC14]. **Nonvolatile** [LBN14, MTH<sup>+</sup>08, WCC15]. **NOR** [CLHK10]. **note** [Lon12].

**O** [KR10, MQRY11, MKLC06, YSEY10, ZXJ11]. **O-intensive** [QJM<sup>+</sup>09]. **Object** [HJW15]. **Obtaining** [GW10]. **off** [NDR08]. **off-loading** [NDR08]. **Offline** [GNB16]. **Offs** [LCMZ15]. **Online** [KMM<sup>+</sup>12, TCJ<sup>+</sup>11]. **only** [SZS<sup>+</sup>12]. **Operating** [SSR<sup>+</sup>10]. **Operation** [ASD15, TB09]. **Optimal** [AT13, GB07, Tos09, WSZ<sup>+</sup>10]. **Optimization** [JYZ<sup>+</sup>15, KCC13, MJW<sup>+</sup>14, HDW<sup>+</sup>08, WCR<sup>+</sup>06]. **optimized** [SHWH12]. **Optimizing** [KH10, STZ10, SYK<sup>+</sup>11, DRK08]. **Organization** [TB09]. **oriented** [CHHH12]. **Out-of-Line** [LXNL15]. **Outsourced** [DFP<sup>+</sup>15, MNT06].

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**Preventing** [HSW09, YSEY10]. **Private** [DFP<sup>15</sup>]. **Proactively** [MTD<sup>15</sup>].  
**processing** [HDW<sup>08</sup>]. **protect** [SDG10].  
**Protecting** [MTD<sup>15</sup>]. **protocol** [MTJ<sup>08</sup>]. **Prototype** [SS14]. **Provable** [ZB16]. **Provenance** [XMRF<sup>13</sup>, HSW09].  
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**randomization** [WB05]. **range** [Tos09].  
**rate** [ASS05]. **rates** [SG07]. **Read** [MJW<sup>14</sup>]. **Read-Performance** [MJW<sup>14</sup>].  
**real** [WCR<sup>06</sup>]. **real-time** [WCR<sup>06</sup>].  
**realistic** [AADAD09]. **reallocation** [ABLM07]. **Rebuttal** [IV15]. **Recon** [FSM<sup>12</sup>]. **recoverable** [SGMV09].  
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**Reduce** [JAM<sup>16</sup>]. **Reducing** [HBP11].  
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**Reed** [Tri15]. **Regenerating** [HBP11].  
**regeneration** [YV05]. **regulatory** [PB05].  
**Reliability** [ES14, HM05, IV15, BKPM10, DEH<sup>08</sup>, MJW<sup>12</sup>, TB09]. **Reliable** [CWY<sup>15</sup>, HCL13]. **remapping** [CLP09].  
**Remote** [ZB16]. **removable** [CHLK11].  
**reordering** [AWC09]. **Repair** [HBP11].  
**Replacement** [HWF<sup>16</sup>, SZ05]. **replica** [MMR<sup>09</sup>, YV05]. **Replicated** [AT13].  
**Replication** [NB13, EA08, MTJ<sup>08</sup>, SHWH12].  
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**Rethinking** [AWC09, BKPM10]. **Retrieval** [AT13, Tos09]. **Revisiting** [KAU12]. **right** [VFNN10]. **robin** [ZSXZ07]. **round** [ZSXZ07]. **round-robin** [ZSXZ07]. **runtime** [FSM<sup>12</sup>].
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